

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)  Sheet 1 of 10	Atty. Docket No.: 1400.1072PC1	Application No.: 10/088,784
	Filing Date: 05/26/2002	Inventor: Barry Gilhuly et al.
	Art Unit: 2142	Examiner: John M.J. MacIlwinen

### U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	2,292,387	08-11-1942	Markey
	4,106,060	08-08-1978	Chapman Jr.
	4,417,349	11-22-1983	Hills et al.
	4,438,433	03-20-1984	Smoot et al.
	4,558,413	12-10-1985	Schmidt et al.
	4,558,454	12-10-1985	Hills et al.
	4,644,351	02-17-1987	Zabarsky et al.
	4,652,698	03-24-1987	Hale et al.
	4,665,519	05-12-1987	Kirchner et al.
	4,695,880	09-22-1987	Johnson et al.
	4,697,281	09-29-1987	O'Sullivan
	4,698,839	10-06-1987	DeVaney et al.
	4,713,780	12-15-1987	Schultz et al.
	4,714,995	12-22-1987	Materna et al.
	4,714,996	12-22-1987	Gladney et al.
	4,768,087	08-30-1988	Taub et al.
	4,821,308	04-11-1989	Hashimoto
	4,825,456	04-25-1989	Rosenberg
	4,831,582	05-16-1989	Miller et al.
	4,837,797	06-06-1989	Freeny
	4,837,798	06-06-1989	Cohen et al.
	4,837,800	06-06-1989	Freeburg et al.
	4,845,658	07-04-1989	Gifford
	4,853,843	08-01-1989	Ecklund
	4,856,047	08-08-1989	Sanders
	4,875,039	10-17-1989	Andros et al.
	4,875,159	10-17-1989	Cary et al.
	4,882,674	11-21-1989	Quint et al.
	4,882,744	11-21-1989	Hashimoto
	4,882,752	11-21-1989	Lindman et al.
	4,897,781	01-30-1990	Chang et al.
	4,916,738	04-10-1990	Chandra et al.
	4,928,096	05-22-1990	Leonardo et al.
	4,942,598	07-17-1990	Davis

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)  Sheet 2 of 10	Atty. Docket No.: 1400.1072PC1	Application No.: 10/088,784
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### U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	4,951,044	08-21-1990	Nelson et al.
	4,961,216	10-02-1990	Baehr et al.
	4,972,457	11-20-1990	O'Sullivan
	4,980,907	12-25-1990	Raith et al.
	5,008,926	04-16-1991	Misholi
	5,032,979	07-16-1991	Hecht et al.
	5,043,721	08-27-1991	May
	5,048,085	09-10-1991	Abraham et al.
	5,058,431	10-22-1991	Karwacki
	5,086,502	02-04-1992	Malcolm
	5,127,041	06-30-1992	O'Sullivan
	5,128,981	07-07-1992	Tsukamoto et al.
	5,136,291	08-04-1992	Teague
	5,150,407	09-22-1992	Chan
	5,155,847	10-13-1992	Kirouac et al.
	5,157,660	10-20-1992	Kuwahara et al.
	5,159,592	10-27-1992	Perkins
	5,166,931	11-24-1992	Riddle
	5,177,680	01-05-1993	Tsukino et al.
	5,181,200	01-19-1993	Harrison
	5,220,603	06-15-1993	Parker
	5,263,157	11-16-1993	Janis
	5,263,165	11-16-1993	Janis
	5,265,033	11-23-1993	Vajk et al.
	5,265,159	11-23-1993	Kung
	5,274,806	12-28-1993	Hill
	5,283,887	02-01-1994	Zackery
	5,293,250	03-08-1994	Okumura et al.
	5,299,255	03-29-1994	Iwaki et al.
	5,307,059	04-26-1994	Connary et al.
	5,313,582	05-17-1994	Hendel et al.
	5,315,635	05-24-1994	Kane et al.
	5,317,729	05-31-1994	Mukherjee et al.

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### U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	5,333,152	07-26-1994	Wilber
	5,333,266	07-26-1994	Boaz et al.
	5,377,354	12-27-1994	Scannell et al.
	5,386,564	01-31-1995	Shearer et al.
	5,388,255	02-07-1995	Pytlik et al.
	5,392,390	02-21-1995	Crozier
	5,404,508	04-04-1995	Konrad et al.
	5,406,557	04-11-1995	Baudoin
	5,410,543	04-25-1995	Seitz et al.
	5,416,473	05-16-1995	Dulaney III et al.
	5,416,842	05-16-1995	Aziz
	5,420,927	05-30-1995	Micali
	5,425,102	06-13-1995	Moy
	5,434,918	07-18-1995	Kung et al.
	5,434,994	07-18-1995	Shaheen et al.
	5,436,960	07-25-1995	Campana Jr. et al.
	5,438,011	08-01-1995	Blalock et al.
	5,438,611	08-01-1995	Campana Jr. et al.
	5,440,730	08-08-1995	Elmasri et al.
	5,446,888	08-29-1995	Pyne
	5,452,356	09-19-1995	Albert
	5,452,450	09-19-1995	Delory
	5,479,472	12-26-1995	Campana Jr. et al.
	5,481,700	01-02-1996	Thuraisingham
	5,483,596	01-09-1996	Rosenow et al.
	5,487,100	01-23-1996	Kane
	5,491,752	02-13-1996	Kaufman et al.
	5,493,692	02-10-1996	Theimer et al.
	5,495,484	02-27-1996	Self et al.
	5,495,533	02-27-1996	Linehan et al.
	5,495,610	02-27-1996	Shing et al.
	5,510,777	04-23-1996	Pilc et al.

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### U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	5,533,019	07-02-1996	Jayapalan
	5,537,097	07-16-1996	Eriksson et al.
	5,544,320	08-06-1996	Konrad
	5,544,322	08-06-1996	Cheng et al.
	5,557,569	09-17-1996	Smayling et al.
	5,557,659	09-17-1996	Hyde-Thomson
	5,560,005	09-24-1996	Hoover et al.
	5,561,795	10-01-1996	Sarkar
	5,561,797	10-01-1996	Gilles et al.
	5,572,528	11-05-1996	Shuen
	5,572,643	11-05-1996	Judson
	5,579,472	11-26-1996	Keyworth II et al.
	5,581,749	12-03-1996	Hossain et al.
	5,588,132	12-24-1996	Cardoza
	5,590,274	12-31-1996	Skarpelos et al.
	5,596,318	01-21-1997	Mitchell
	5,598,536	01-28-1997	Slaughter III et al.
	5,600,834	02-04-1997	Howard
	5,603,054	02-11-1997	Theimer et al.
	5,604,491	02-18-1997	Coonley et al.
	5,604,788	02-18-1997	Tett
	5,613,012	03-18-1997	Hoffman et al.
	5,613,108	03-18-1997	Morikawa
	5,623,601	04-22-1997	Vu
	5,625,670	04-29-1997	Campana Jr. et al.
	5,627,658	05-06-1997	Connors et al.
	5,627,829	05-06-1997	Gleeson et al.
	5,627,997	05-06-1997	Pearson et al.
	5,630,060	05-13-1997	Tang et al.
	5,631,946	05-20-1997	Campana Jr. et al.
	5,632,011	05-20-1997	Landfield et al.
	5,633,810	05-27-1997	Mandal et al.

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### U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	5,634,053	05-27-1997	Noble et al.
	5,638,450	06-10-1997	Robson
	5,641,946	06-24-1997	Shim
	5,644,354	07-01-1997	Thompson et al.
	5,647,002	07-08-1997	Brunson
	5,649,195	07-15-1997	Scott et al.
	5,652,884	07-29-1997	Palevich
	5,657,390	08-12-1997	Elgamal et al.
	5,664,207	09-02-1997	Crumpler et al.
	5,664,228	09-02-1997	Mital
	5,666,530	09-09-1997	Clark et al.
	5,666,553	09-09-1997	Crozier
	5,673,322	09-30-1997	Pepe et al.
	5,675,782	10-07-1997	Montague et al.
	5,678,039	10-14-1997	Hinks et al.
	5,680,542	10-21-1997	Mulchandani et al.
	5,682,379	10-28-1997	Mahany et al.
	5,682,478	10-28-1997	Watson et al.
	5,682,524	10-28-1997	Freund et al.
	5,684,951	11-04-1997	Goldman et al.
	5,684,984	11-04-1997	Jones et al.
	5,684,990	11-04-1997	Boothby
	5,687,322	11-11-1997	Deaton et al.
	5,701,400	12-23-1997	Amado
	5,701,423	12-23-1997	Crozier
	5,705,995	01-06-1998	LaFlin et al.
	5,706,211	01-06-1998	Beletic et al.
	5,706,427	01-06-1998	Tabuki
	5,706,502	01-06-1998	Foley et al.
	5,710,918	01-20-1998	Lagarde et al.
	5,710,922	01-20-1998	Alley et al.
	5,713,019	01-27-1998	Keaton

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### U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	5,714,943	02-03-1998	Rasor
	5,715,403	02-03-1998	Stefik
	5,717,925	02-10-1998	Harper et al.
	5,721,779	02-24-1998	Funk
	5,721,907	02-24-1998	Pyne
	5,721,908	02-24-1998	Lagarde et al.
	5,721,914	02-24-1998	DeVries
	5,726,893	03-10-1998	Schuchman et al.
	5,727,202	03-10-1998	Kucala
	5,729,735	03-17-1998	Meyering
	5,732,074	03-24-1998	Spaur et al.
	5,737,531	04-07-1998	Ehley
	5,740,231	04-14-1998	Cohn et al.
	5,742,668	04-21-1998	Pepe et al.
	5,742,905	04-21-1998	Pepe et al.
	5,745,360	04-28-1998	Leone et al.
	5,745,689	04-28-1998	Yeager et al.
	5,751,960	05-12-1998	Matsunaga
	5,751,971	05-12-1998	Dobbins et al.
	5,752,059	05-12-1998	Holleran et al.
	5,752,246	05-12-1998	Rogers et al.
	5,754,306	05-19-1998	Taylor et al.
	5,754,830	05-19-1998	Butts et al.
	5,754,954	05-19-1998	Cannon et al.
	5,757,901	05-26-1998	Hiroshige
	5,757,916	05-26-1998	MacDoran et al.
	5,758,088	05-26-1998	Bezair et al.
	5,758,150	05-26-1998	Bell et al.
	5,758,354	05-26-1998	Huang et al.
	5,758,355	05-26-1998	Buchanan
	5,761,416	06-02-1998	Mandal et al.
	5,787,441	07-28-1998	Beckhardt
	5,790,790	08-04-1998	Smith et al.

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### U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	5,790,974	08-04-1998	Tognazzini
	5,799,318	08-25-1998	Cardinal et al.
	5,831,664	11-03-1998	Wharton et al.
	5,838,252	11-17-1998	Kikinis
	5,850,219	12-15-1998	Kumomura
	5,857,201	01-05-1999	Wright et al.
	5,862,325	01-19-1999	Reed et al.
	5,900,875	05-04-1999	Haitani et al.
	5,903,723	05-11-1999	Beck et al.
	5,913,040	06-15-1999	Rakavy et al.
	5,917,629	06-29-1999	Hortensius et al.
	5,937,161	08-10-1999	Mulligan et al.
	5,959,621	09-28-1999	Nawaz et al.
	5,960,406	09-28-1999	Rasansky et al.
	5,961,590	10-05-1999	Mendez
	5,966,714	10-12-1999	Huang et al.
	5,968,131	10-19-1999	Mendez et al.
	5,973,612	10-26-1999	Deo et al.
	5,974,449	10-26-1999	Chang et al.
	5,978,689	11-02-1999	Tuoriniemi et al.
	5,987,100	11-16-1999	Fortman et al.
	5,987,508	11-16-1999	Agraharam et al.
	6,002,427	12-14-1999	Kipust
	6,002,769	12-14-1999	McGough
	6,006,274	12-21-1999	Hawkins et al.
	6,009,455	12-28-1999	Doyle
	6,014,429	01-11-2000	LaPorta et al.
	6,016,478	01-18-2000	Zhang et al.
	6,018,762	01-25-2000	Brunson et al.
	6,018,782	01-25-2000	Hartmann
	6,023,000	02-08-2000	Fritz-Langhals et al.
	6,023,700	02-08-2000	Owens et al.
	6,044,205	03-28-2000	Reed et al.

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### U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	6,078,921	06-20-2000	Kelly
	6,084,969	07-04-2000	Wright et al.
	6,092,191	07-18-2000	Shimbo et al.
	6,115,754	09-05-2000	Landgren
	6,119,167	09-12-2000	Boyle et al.
	6,138,089	10-24-2000	Guberman
	6,138,124	10-24-2000	Beckhardt
	6,138,146	10-24-2000	Moon et al.
	6,161,140	12-12-2000	Moriya
	6,163,274	12-19-2000	Lindgren
	6,185,551	02-06-2001	Birrell et al.
	6,185,603	02-06-2001	Henderson et al.
	6,195,533	02-27-2001	Tkatch et al.
	6,202,085	03-13-2001	Benson et al.
	6,203,192	03-20-2001	Fortman
	6,205,448	03-20-2001	Kruglikov et al.
	6,208,996	03-27-2001	Ben-Shachar et al.
	6,219,694	04-17-2001	Lazaridis et al.
	6,222,942	04-24-2001	Martin
	6,233,341	05-15-2001	Riggins
	6,240,088	05-29-2001	Gayton et al.
	6,256,666	07-03-2001	Singhal
	6,263,201	07-17-2001	Hashimoto et al.
	6,272,545	08-07-2001	Flanagin et al.
	6,275,848	08-14-2001	Arnold
	6,275,850	08-14-2001	Beyda et al.
	6,313,734	11-06-2001	Weiss et al.
	6,314,108	11-06-2001	Ramasubramani et al.
	6,317,592	11-13-2001	Campana et al.
	6,327,046	12-04-2001	Miyamoto et al.
	6,330,244	12-11-2001	Swartz et al.
	6,332,156	12-18-2001	Cho et al.

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME
	6,333,973	12-25-2001	Smith et al.
	6,356,956	03-12-2002	Deo et al.
	6,360,272	03-19-2002	Lincke et al.
	6,363,352	03-26-2002	Dailey et al.
	6,370,566	04-09-2002	Discolo et al.
	6,381,634	04-30-2002	Tello et al.
	6,389,455	05-14-2002	Fuisz
	6,442,589	08-27-2002	Takahashi et al.
	6,449,287	09-10-2002	Leuca et al.
	6,496,704	12-17-2002	Yuan
	6,505,055	01-07-2003	Kahn et al.
	6,505,214	01-07-2003	Sherman et al.
	6,580,787	06-17-2003	Akhteruzzaman et al.
	6,611,358	08-26-2003	Narayanaswamy
	6,701,378	03-02-2004	Gilhuly et al.
	6,763,202	07-13-2004	Maeda
	2001/0001552	05-24-2001	Vong et al.
	2001/0029531	10-11-2001	Ohta
	2001/0040693	11-15-2001	Saito et al.
	2001/0042093	11-15-2001	Shirai et al.
	2001/0054072	12-20-2001	Discolo et al.
	2002/0010748	01-24-2002	Kobayashi et al.
	2002/0059380	05-16-2002	Biliris et al.
	2002/0099719	07-25-2002	Schwitters et al.
	2003/0097361	05-22-2003	Huang et al.

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**FOREIGN PATENT DOCUMENTS**

	AU0078434/98	02-11-1999	Michela et al.
	CA2179349	01-11-2000	Cheung et al.
	EP0001552	05-02-1979	Meissner
	EP0617373	09-28-1994	Burket et al.
	EP0736989	10-09-1996	Vazana
	EP0772327	06-07-1997	Kuki
	EP0777394	06-04-1997	Belpaire
	EP0788287	08-06-1997	Amin et al.
	EP0793387	09-03-1997	Hashimoto et al.
	EP0825788	02-25-1998	LaPorta et al.
	EP0838934	04-29-1998	Sawai
	EP0918417	05-26-1999	Rai
	EP0986225	09-11-1998	Mendez et al.
	JP8009053	01-12-1996	Takayuki (English Translation)
	JP9181723	07-11-1997	Hiroya (English Translation)
	JP9214556	08-15-1997	Toshio
	JP9305155	11-28-1997	Yamamoto et al.
	WO9619064	06-20-1996	Crumpler et al.
	WO9703341	01-30-1997	Veitch et al.
	WO9726709	07-24-1997	Fullam et al.
	WO9727717	07-31-1997	Chang et al.
	WO9728518	08-07-1997	Talton et al.
	WO9732251	09-04-1997	Reed et al.
	WO973341	01-30-1997	Veitch et al.
	WO9733421	09-12-1997	Pepe et al.
	WO9737500	10-09-1997	Titmuss et al.
	WO9741654	11-06-1997	Tsoukas et al.
	WO9744942	11-27-1997	Kliger et al.
	WO9800787	01-08-1998	Zahariev
	WO9807897	01-08-1998	Zahariev
	WO9821911	05-22-1998	Trank
	WO9823108	05-28-1998	Snellman
	WO0049819	08-24-2000	Morales et al.
	WO0101264	01-04-2001	Koka et al.
	WO0167716	09-13-2001	Berg et al.

Examiner's Signature: /John MacIlwinen/	Date Considered: 09/30/2008
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<b>ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./</b>	